

Converting Colors

Hex(8768B9)

Have a look what the booklet for
Hex(8768B9) contains.

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Color

Hex(8768B9)

Conversions

Conversions Part 1

Format	Color
Hex	8768B9
RGB	135, 104, 185
RGB Percent	53%, 41%, 73%
CMY	0.4706, 0.5922, 0.2745
CMYK	0.27, 0.44, 0.00, 0.27
HSL	263°, 37%, 57%
HSV	263°, 44%, 73%
XYZ	23.6989, 18.5543, 48.2312
YIQ	122.5030, -7.5250, 31.7630

Conversions

Conversions Part 2

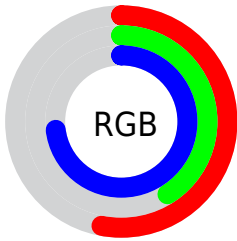
Format	Color
R_{YB}	135, 104, 185
Decimal	8874169
CIE _{Lab}	50.16, 29.52, -38.39
CIE _{LCh}	50, 48.427, 307.563
Yxy	18.5543, 0.2619, 0.2051
Android (android.graphics.Color)	4287064249 (0xFF8768B9)
YUV	122.5030, 30.8110, 10.9599
Hunter-Lab	43.0747, 22.8268, -36.2353

Details

The Hex color **8768B9** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **9AB968**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BE9CF1**, and **533883** is the 20% darker color. If you saturate the color by 10%, you get **7C56B9**, and if you desaturate by 10%, it is **927BB9**.

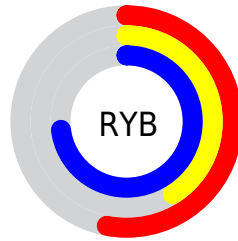
Distribution



Red (53%)

Green (41%)

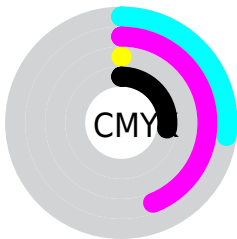
Blue (73%)



Red (53%)

Yellow (41%)

Blue (73%)

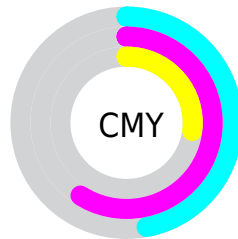


Cyan (27%)

Magenta (44%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (59%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8768B9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8768B9 by changing the saturation by 10% instead.

■ 8768B9

■ 8768B9

FFFFFF

■ 6D509E

■ BE9CF1

■ 533883

■ DAB7FF

■ 39226A

■ F7D2FF

■ 1F0C51

■ FFEFFF

■ 0D003A

■ 000223

■ 00000A

■ 000000

■ 8768B9

■ 8768B9

7C56B9

927BB9

7043B9

9E8DB9

6531B9

A9A0B9

591EB9

B5B2B9

4E0CB9

C0C5B9

4700B9

CCD7B9

D7EAB9

E2FCB9

EEFFB9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3678C9



8768B9



B15898

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8768B9



A66A29



008B81

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8768B9



9AB968

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008956



8768B9



84791E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8768B9



BD5A47



588332



008AA9

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8768B9



BF527C



588332



008B73

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8768B9



DCD1F0



689BB9



6C6578



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8768B9



A171F0



AE68B9



56535C



3C009C



0B001C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B9689A



F071BF



73B968



5C5358



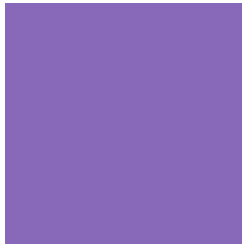
9C0060



1C0011

Previews

White Background



This preview shows how the Hex color 8768B9 looks on a white background.

Color Contrast Check

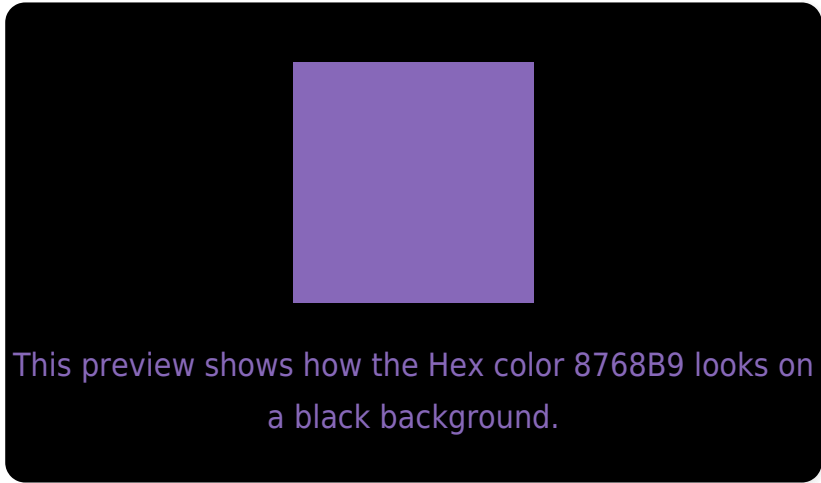
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8768B9 Background



This preview shows how black text looks on a background with the Hex color 8768B9.



This preview shows how white text looks on a background with the Hex color 8768B9.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
7C757E

Trichromacy



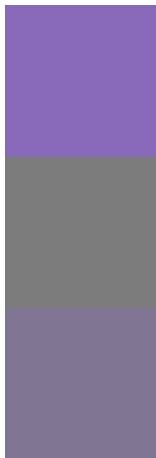
Original Color
8768B9

Protanomaly
6870C0

Deuteranomaly
6A72B7

Tritanomaly
807093

Monochromacy



Original Color
8768B9

Achromatopsia
7B7B7B

Achromatomaly
7F7492

CSS Examples

Text

The CSS property to change the color of the text to Hex 8768B9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8768B9 looks like.

```
.text, #text, p{  
    color:#8768B9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8768B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8768B9
}
```

Border

The CSS property to change the border of an element to Hex 8768B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

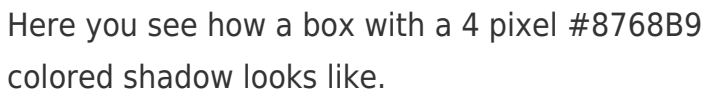
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8768B9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8768B9 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #8768B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8768B9; -webkit-box-shadow:4px 4px  
4px 4px #8768B9; box-shadow:4px 4px 4px  
4px #8768B9 }
```

Background

The CSS property to change the background color of an element to Hex 8768B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8768B9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8768B9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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